NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



Cooperating With: NDSU EXTENSION SERVICE, FARM SERVICE AGENCY, ND AG WEATHER NETWORK (NDAWN) and UND AEROSPACE REGIONAL WEATHER INFORMATION CENTER

Released: May 24, 2004 For Week Ending: May 23, 2004

General: Much needed precipitation was received throughout the state replenishing topsoil moisture supplies, which remained below the five-year average (1999-2003), according to North Dakota Agricultural Statistics Service. Topsoil moisture supplies as of May 23 were rated 7 percent very short, 18 short, 68 adequate and 7 surplus compared to 4 percent very short, 11 short, 71 adequate and 14 surplus for the five-year average. Statewide, on average, there were 3.9 days suitable for fieldwork last week. Warm temperatures and sunshine will be needed to help crop and pasture development. Spraying for wild oats and broadleaf weeds were 12 and 9 percent complete, respectively.

Crops: Limited planting progress was made last week due to cool, wet weather; however, progress remained ahead of the average. As of May 23, hard red spring wheat was 89 percent planted, while durum was 63 percent, both ahead of average and last year. Seventy-two percent of the hard red spring wheat crop had emerged, which was rated 69 percent good to excellent. Durum wheat was 44 percent emerged and rated 69 percent good to excellent compared to 53 percent last week. Small grain conditions improved from last week, along with sugarbeets.

Twenty-six percent of the soybean crop was planted during the week to bring the total planted to 67 percent, well ahead of the five-year average. Emergence of soybeans was 13 percent, slightly ahead of average. All corn was 53 percent emerged, which is about a half a week ahead of average. Corn conditions were rated 52 percent good to excellent.

Livestock: Pasture and other grass development continued to be reported as behind normal due to dry conditions and below normal temperatures. Pasture and range conditions were rated 24 percent good to excellent compared to a five-year average of 54 percent. Stockwater supplies were rated 4 percent very short, 18 short, 77 adequate and 1 surplus.

Small Grain Development Progress 1/

May 23, 2004 with Comparisons										
Crop	This Week			1999-03 Avg.						
		(Percent)								
BARLEY		`	,							
Planted	85	80	78	72						
Emerged	63	49	56	42						
Jointed	5	0	1	2						
DURUM WHEAT										
Planted	63	54	60	57						
Emerged	44	34	34	30						
Jointed	1	0	1	1						
HRS WHEAT										
Planted	89	84	79	75						
Emerged	72	57	60	49						
Jointed	4	1	3	4						
OATS										
Planted	88	84	76	75						
Emerged	70	58	56	48						
Jointed	2	0	2	3						

1/ Crop development percents represent all acreage in or beyond each stage.

Late Season Crop Development Progress 1/ May 23, 2004 with Comparisons

May 23, 2004 with Companisons							
Crop	This Week	Last Week	Last Year	1999-03 Avg.			
		(Per	cent)				
CANOLA							
Planted	78	74	74	74			
Emerged	43	27	45	42			
CORN, ALL							
Planted	91	83	80	74			
Emerged	53	25	41	39			
DRY EDIBLE BEANS							
Planted	22	8	20	26			
Emerged	1	0	2	3			
FLAXSEED							
Planted	68	57	59	62			
Emerged	34	20	23	27			
POTATOES							
Planted	70	54	59	66			
Emerged	11	5	17	14			
SOYBEANS							
Planted	67	41	39	46			
Emerged	13	2	9	10			
SUGARBEETS							
Emerged	73	55	60	59			
SUNFLOWER							
Planted	24	10	25	23			
Emerged	2	0	2	3			

1/ Crop development percents represent all acreage in or beyond each stage.

Percent Planted by District Week Ending May 23, 2004

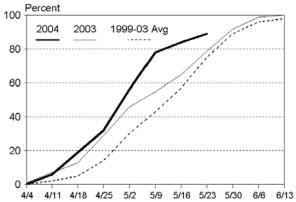
Crop	NW	NC	NE	WC	С	EC	SW	SC	SE
	(Percent)								
Barley	63	74	80	98	100	100	100	99	100
Durum Wheat	40	51	78	95	94	100	100	98	100
HR Spring Wheat	43	78	90	96	97	100	100	99	100
Canola	87	78	60	95	97	100	98	93	46
Corn	47	53	89	82	84	98	88	81	99
Soybeans	24	16	45	48	45	74	NA	80	86

NA = Not Available

Crop and Pasture Condition Week Ending May 23 2004

Week Linding May 25, 2004									
Crop	Very Poor	Poor	Fair	Good	Excellent				
	(Percent)								
Barley	0	3	32	55	10				
Durum Wheat	1	3	27	65	4				
HR Spring Wheat	1	3	27	58	11				
Oats	2	5	45	44	4				
Corn, All	1	3	44	43	9				
Sugarbeets	1	4	31	63	1				
Pasture and Range	11	27	38	22	2				

Hard Red Spring Wheat Planting Progress North Dakota



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NORTH DAKOTA CROP WEATHER REPORT, Week Ending May 23, 2004

Soil Moisture: North Dakota, May 23, 2004

Date	Very Short	Short	Adequate	Surplus					
		(Percent)							
TOPSOIL		`	,						
This Week	7	18	68	7					
Last Week	14	20	61	5					
Last Year	0	4	78	18					
1999-03 Avg	4	11	71	14					
SUBSOIL									
This Week	13	25	58	4					
Last Week	13	26	58	3					
Last Year	4	13	68	15					
1999-03 Avg	3	12	70	15					

<u>Weather</u>: Temperatures were warmer this week yet average temperatures were still below normal for this time of year. Some locations saw overnight lows dip down around freezing, while others remained in the mid-to-upper 30s. All stations reported some precipitation this past week. The greatest amount of rainfall reported was over 1.00 inch at the Bowbells, Williston, Baker and Bowman stations.

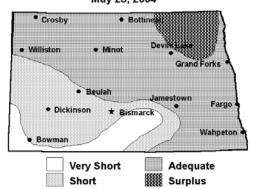
<u>Outlook, May 24-30</u>: A cool start to the week will give way to more seasonal temperatures by the end of the week. Overnight lows to remain in the 40s this week. High temperatures will be in the 50s statewide with some 60s in the south. Temperatures should warm up nicely into the upper 60s and low 70s by mid-to-late week. Expect a good chance of rainfall early in the week with only a slight chance as the week progresses.

Temperature & Precipitation: Districts and Stations North Dakota, Week ending May 23, 2004

North Dakota, week ending May 23, 2004								
District		Average Temperature		Seasonal Precipitation Beginning April 1				
Averages	pes Past Depart Week Normal 1/		Past Week	Total	Depart Normal 1/			
		(Degr	ees F)	(Inches)				
Northwest	(1)	51	-5	1.04	2.11	-1.08		
N. Central	(2)	52	-5	0.79	2.62	-0.77		
Northeast	(3)	55	-3	0.46	3.50	0.50		
W. Central	(4)	54	-4	0.35	1.17	-2.25		
Central	(5)	56	-2	0.35	2.19	-1.24		
E. Central	(6)	56	-3	0.22	2.18	-1.48		
Southwest	(7)	54	-2	0.66	1.32	-2.30		
S. Central	(8)	59	1	0.37	1.40	-2.25		
Southeast	(9)	58	-1	0.11	2.21	-1.37		

1/ Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

Topsoil Moisture Supplies May 23, 2004



Temperature & Precipitation: Districts and Stations North Dakota, Week ending May 23, 2004

Stations	Temperature Past Week		Seasonal Precipitation Beginning April 1		
by District	High	Low	Past Week	Total	Depart Normal ^{1/}
	(Degrees F)		(Inches)		
(1) Bowbells	73	31	1.38	1.99	-1.11
Williston	65	37	1.12	1.75	-1.01
Mohall	66	29	0.99	2.69	-0.53
Minot	72	31	0.65	2.01	-1.65
(2) Baker	72	34	1.02	3.25	-0.53
Bottineau	74	28	0.79	2.64	-0.62
Rugby	74	31	0.57	1.98	-1.12
(3) Cando	73	32	0.78	3.81	1.04
Cavalier	76	33	0.53	4.16	1.04
Forest River	76	37	0.47	3.47	0.22
Grand Forks	70	40	0.32	1.98	-0.96
Langdon	78	34	0.42	4.09	1.38
St. Thomas	72	36	0.24	3.51	0.26
(4) Hazen	76	31	0.22	1.10	-2.74
Turtle Lake	74	34	0.28	1.18	-2.20
Watford City	69	36	0.56	1.24	-1.82
(5) Carrington	77	35	0.69	2.51	-0.86
Harvey	75	33	0.55	2.28	-1.15
Jamestown	78	36	0.23	3.07	-0.09
Robinson	77	36	0.24	1.61	-1.75
Streeter	76	39	0.06	1.49	-2.34
(6) Dazey	77	38	0.24	1.90	-1.63
Fargo	72	37	0.26	2.00	-1.78
Hillsboro	72	39	0.16	2.63	-1.04
(7) Beach	72	35	0.50	0.93	-2.20
Bowman	73	33	1.11	1.84	-1.59
Dickinson	74	37	0.41	1.32	-2.52
Hettinger	77	32	0.63	1.20	-2.88
(8) Mandan	78	37	0.31	1.23	-2.17
Linton	80	40	0.43	1.57	-2.33
(9) Edgeley	79	41	0.15	2.24	-1.59
Oakes	76	38	0.05	2.36	-1.41
Wyndmere	73	39	0.14	2.04	-1.32

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